

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
3	0	US-E084168-\$.DID.	USPAT; US-PGPUB; EPO; JPO	2004/06/26 14:40
4	0	E084168-\$.DID.	USPAT; US-PGPUB; EPO; JPO	2004/06/26 14:40
5	0	E084168	USPAT; US-PGPUB; EPO; JPO	2004/06/26 14:40
6	0	EP0843168	USPAT; US-PGPUB; EPO; JPO	2004/06/26 14:40
8	0	"0843168"	EPO; JPO	2004/06/26 14:40
9	0	"0843168"	EPO; JPO	2004/06/26 14:40
10	2305359	EP "0" "843" "168" A2	EPO; JPO	2004/06/26 14:40
11	0	EP0843168A2	EPO; JPO	2004/06/26 14:40
12	0	0843168A2	EPO	2004/06/26 14:40
13	0	"0843168" adj2 A2	EPO	2004/06/26 14:40
14	0	EP adj2 "0843168" adj2 A2	EPO	2004/06/26 14:40
15	0	97120174.4	EPO	2004/06/26 14:40
16	0	97120174.4	EPO	2004/06/26 14:40
18	2682	709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.	USPAT	2004/06/26 14:40
20	13127	(voice and (characteristic or tone) and chat or game).ab.	USPAT	2004/06/26 14:40
21	4	(voice and (characteristic or tone) and (chat or game)).ab.	USPAT	2004/06/26 14:40
23	8	(voice and (characteristic or tone) and (chat or game or brows\$)).ab.	USPAT	2004/06/26 14:40
25	34	(US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.) or ((voice and (characteristic or tone) and (chat or game or brows\$)).ab. )	USPAT	2004/06/26 14:40
26	49	(US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.) or ((voice and (characteristic or tone) and (chat or game or brows\$)).ab. ) or ((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and (voice and characteristic).ab.)	USPAT	2004/06/26 14:40
27	49	(709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and ((voice or speech) and characteristic).ab.	USPAT	2004/06/26 14:40
29	9	((voice or speech) and (characteristic or tone) and (chat or game or brows\$)).ab.	USPAT	2004/06/26 14:40

30	51	((US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.) or ((voice and (characteristic or tone) and (chat or game or brows\$)).ab. ) or ((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and (voice and characteristic).ab.)) or (((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and ((voice or speech) and characteristic).ab.) not ((US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.) or ((voice and (characteristic or tone) and (chat or game or brows\$)).ab. ) or ((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and (voice and characteristic).ab.)))	USPAT	2004/06/26 14:40
31	196	((voice or speech) and (chat or game or brows\$)).ab.	USPAT	2004/06/26 14:40
35	17	((voice or speech) and (chat or game or brows\$)).ab. ) and (text adj speech)	USPAT	2004/06/26 14:40

[illegible]

39	1888	(brows\$ or chat).ab.	USPAT	2004/06/26 14:40
40	83	((brows\$ or chat).ab.) and (speech or voice).ab.	USPAT	2004/06/26 14:40
41	17	((brows\$ or chat).ab.) and (speech or voice).ab.) and (text adj speech)	USPAT	2004/06/26 14:40
42	20	((brows\$ or chat).ab.) and (speech or voice).ab.) and (text).ab.	USPAT	2004/06/26 14:40
1	26	US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.	USPAT	2004/06/26 14:40
2	2	5956485.pn. or 5347306.pn.	USPAT	2004/06/26 14:40
7	1	"0843168"	USPAT; US-PGPUB; EPO; JPO	2004/06/26 14:40
17	4	(space same sharing same system).ti.	EPO	2004/06/26 14:40
19	15	(709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and (voice and characteristic).ab.	USPAT	2004/06/26 14:40
22	4	(voice and (characteristic or tone) and (chat or game)).ab.	USPAT	2004/06/26 14:40
24	4	((voice and (characteristic or tone) and (chat or game or brows\$)).ab. ) not ((voice and (characteristic or tone) and (chat or game)).ab. )	USPAT	2004/06/26 14:40
28	34	((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and ((voice or speech) and characteristic).ab.) not ((US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.) or ((voice and (characteristic or tone) and (chat or game or brows\$)).ab. ) or ((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and (voice and characteristic).ab.))	USPAT	2004/06/26 14:40

32	1	(((voice or speech) and (characteristic or tone) and (chat or game or brows\$)).ab. ) not (((US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.) or ((voice and (characteristic or tone) and (chat or game or brows\$)).ab. ) or ((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and (voice and characteristic).ab.)) or (((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and ((voice or speech) and characteristic).ab.) not ((US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.) or ((voice and (characteristic or tone) and (chat or game or brows\$)).ab. ) or ((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and (voice and characteristic).ab.))))	USPAT	2004/06/26 14:40
----	---	---	-------	------------------

33	188	<p>((voice or speech) and (chat or game or brows\$)).ab. ) not ((US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.) or ((voice and (characteristic or tone) and (chat or game or brows\$)).ab. ) or ((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and (voice and characteristic).ab.)) or ((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and ((voice or speech) and characteristic).ab.) not ((US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.) or ((voice and (characteristic or tone) and (chat or game or brows\$)).ab. ) or ((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and (voice and characteristic).ab.))))</p>	USPAT	2004/06/26 14:40
----	-----	---	-------	------------------

34	19	(((((voice or speech) and (chat or game or brows\$)).ab. ) not ((US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.) or ((voice and (characteristic or tone) and (chat or game or brows\$)).ab. ) or ((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and (voice and characteristic).ab.)) or (((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and ((voice or speech) and characteristic).ab.) not ((US-4021613-\$.DID. OR US-4218585-\$.DID. OR US-4489432-\$.DID. OR US-4624012-\$.DID. OR US-4864626-\$.DID. OR US-5187735-\$.DID. OR US-5303343-\$.DID. OR US-5307442-\$.DID. OR US-5479491-\$.DID. OR US-5524137-\$.DID. OR US-5689618-\$.DID. OR US-5784468-\$.DID. OR US-5822438-\$.DID. OR US-5847303-\$.DID. OR US-5875427-\$.DID. OR US-5889223-\$.DID. OR US-5949854-\$.DID. OR US-5950167-\$.DID. OR US-5963907-\$.DID. OR US-6005870-\$.DID. OR US-6026400-\$.DID. OR US-6031961-\$.DID. OR US-6061718-\$.DID. OR US-6122290-\$.DID. OR US-6138036-\$.DID. OR US-6144938-\$.DID.) or ((voice and (characteristic or tone) and (chat or game or brows\$)).ab. ) or ((709/231,246.ccls. or 704/1,2,9,200,200.1,207.ccls.) and (voice and characteristic).ab.)))) and text.ab.	USPAT	2004/06/26 14:40
43	11	((speech or sound or voice) and (character\$ or tone or accent) and relative and location).ab.	USPAT; EPO; JPO	2004/06/26 14:46
44	15	((speech or sound or voice or audio) and (character\$ or tone or accent) and relative and location).ab.	USPAT; EPO; JPO	2004/06/26 14:46
45	4	((((speech or sound or voice or audio) and (character\$ or tone or accent) and relative and location).ab.) not (((speech or sound or voice) and (character\$ or tone or accent) and relative and location).ab.)	USPAT; EPO; JPO	2004/06/26 14:46